

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Tong Zhang

Confirmation No.:

Application No.:

Examiner:

Filing Date:

Group Art Unit:

Title: Using Background Audio Change Detection for Segmenting Video



COMMISSIONER FOR PATENTS

Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)

under 37 CFR 1.97 (c) together with either a:  
 Statement under 37 CFR 1.97(e), or  
 a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)

under 37 CFR 1.97 (d) together with a:  
 Statement under 37 CFR 1.97(e), and  
 a petition under 37 CFR 1.97(d)(2), and  
 a \$180.00 petition fee set forth in 37 CFR 1.17(p).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

Tong Zhang

By   
Gregg Jansen

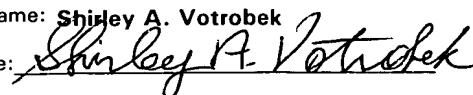
Attorney/Agent for Applicant(s)  
Reg. No. 46,799

Date: Dec. 14, 2001

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: Dec. 14, 2001

Typed Name: Shirley A. Votrobek

Signature: 

IN THE U.S. PATENT AND TRADEMARK OFFICE  
Patent Application Transmittal Letter

COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is a(n):  Utility     Design

original patent application,  
 continuation-in-part application

COPY  
USPTO  
02/25/01  
JC927  
10/02/2001  
12/14/01

COPY

INVENTOR(S): **Tong Zhang**

TITLE: **Using Background Audio Change Detection for Segmenting Video**

Enclosed are:

The Declaration and Power of Attorney.     signed     unsigned or partially signed  
 8 sheets of drawings (one set)     Associate Power of Attorney  
 Form PTO-1449     Information Disclosure Statement and Form PTO-1449  
 Priority document(s)     (Other)    (fee \$                   )

CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTALS
TOTAL CLAIMS	<b>36 — 20</b>	16	X \$18	\$ 288
INDEPENDENT CLAIMS	4 — 3	1	X \$84	\$ 84
ANY MULTIPLE DEPENDENT CLAIMS	0		\$280	\$ 0
BASIC FEE: Design ( \$330.00 ); Utility ( \$740.00 )				\$ 740
TOTAL FILING FEE				\$ 1,112
OTHER FEES				\$
TOTAL CHARGES TO DEPOSIT ACCOUNT				\$ 1,112

Charge \$ 1,112 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

"Express Mail" label no. EL297055115US

Date of Deposit Dec. 14, 2001

Respectfully submitted,

**Tong Zhang**

By Gregg Jansen  
**Gregg Jansen**

Attorney/Agent for Applicant(s)  
Reg. No. 46,799

Date: Dec. 14, 2001

Telephone No.: (402) 333-1550

By Shirley A. Votrobek  
Typed Name: Shirley A. Votrobek

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO. 10018002-1 APPLICATION NO. CONFIRMATION NO.

APPLICANT

Tong Zhang

FILING DATE

GROUP

10/02/01  
U.S. PRO  
10/02/01  
12/14/01

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
1A	5,550,965	08-27-1996	Gabbe et al.	395	154
1B	5,642,174	06-24-1997	Kazui et al.	348	700
1C	5,649,060	07-15-1997	Ellozy et al.	395	2.87
1D	5,828,809	10-27-1998	Chang et al.	386	69
1E	6,072,542	06-06-2000	Wilcox et al.	348	722
1F					
1G					
1H					
1I					
1J					
1K					

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	1L	WO 01/33863	05-10-2001	Koninklijke Philips	H04N	7/36		
	1M							
	1N							
	1O							
	1P							

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	
1R	
1S	

EXAMINER

DATE CONSIDERED